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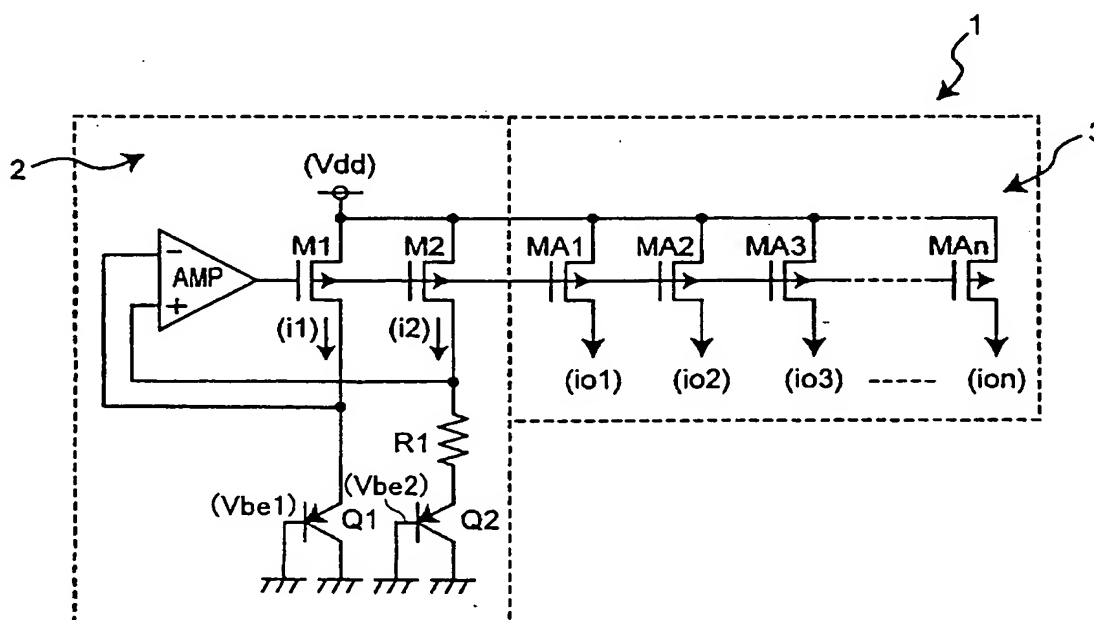
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(54) Title: CONSTANT-CURRENT CIRCUIT AND SYSTEM POWER SOURCE USING THIS CONSTANT-CURRENT CIRCUIT



(57) Abstract: This invention relates to a constant current circuit which generates stable currents to operational amplification circuits in order to reduce variations caused by manufacturing processes and the temperature. It involves a reference current circuit comprising two PMOS transistors (M1, M2), two PNP transistors (Q1, Q2), an operational amplification circuit (AMP) which controls the drain voltages of the PMOS transistors, and a resistor (R1).



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